

GENERAL INFORMATION

LED Driver Type	Constant Voltage (Class 2)
Maximum Wattage	100 Watts
Input Voltage	120 - 277 VAC ± 10% Universal
Input Frequency	50/60Hz
Total Harmonic Distortion	<20%

CASE STYLE I: METAL



ELECTRICAL SPECIFICATIONS

Watts	Output Voltage	Max Output Current	Input Voltage	Input Power	Input Current	Power Factor	Efficiency	Hatch Part Number
100W	*12 VDC	8.34A	120 - 277 VAC	114W	0.96/0.41A	>0.90	86%	*LV100-12N-UNV-I ^S
	24 VDC	4.17A	120 - 277 VAC	110W	0.96/0.41A	>0.90	86%	LV100-24N-UNV-I ^S

* Non-Class 2

PRODUCT FEATURES

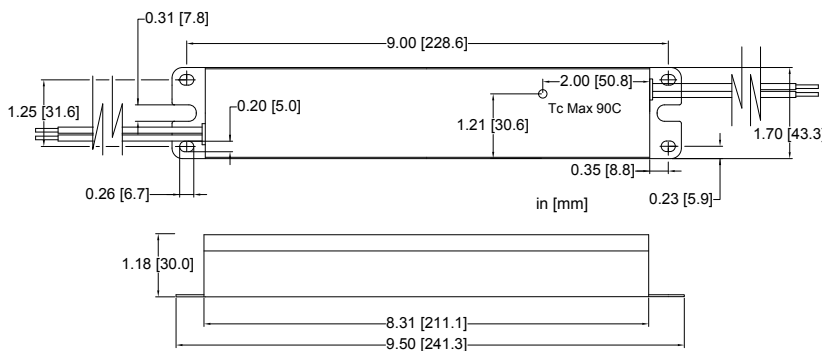
- Short circuit and overload protection
- Over temperature protection
- Suitable for dry and damp locations
- Withstanding voltage: I/P – O/P 2kVAC
- Operating temperature range: -40°C to 90°C (measured at Tcase)
- MTBF: 258,000 hours @ 40°C ambient (~70°C case temp)
- Output Voltage tolerance +/- 5% @ 25°C
- No minimum load

APPROVALS

- UL 8750 recognized component
- EN61000-3-2
- EMC: Meets FCC47 CFR Part 15 (Class A) Non-consumer limits
- ^SUL879 SAM approved



MECHANICAL SPECIFICATIONS: CASE STYLE I



DIMENSIONS [IN/MM]

Length:	9.50 [241.3]
Mounting:	9.00 [228.6]
Width:	1.70 [43.2]
Height:	1.18 [30.0]

WIRING INFORMATION

Input:	12", Black (L), White (N) #18AWG
Output:	12", Red (+), Blue (-) #16AWG (with LV100-12N-UNV-I) #18AWG (with LV100-24N-UNV-I)

PACKAGING INFORMATION

Weight:	21.2 oz
Quantity:	30pc/carton

WARRANTY

- 5 year limited warranty

RELATED PRODUCT

- Case Style J: 11.40" x 3.00" x 1.37"

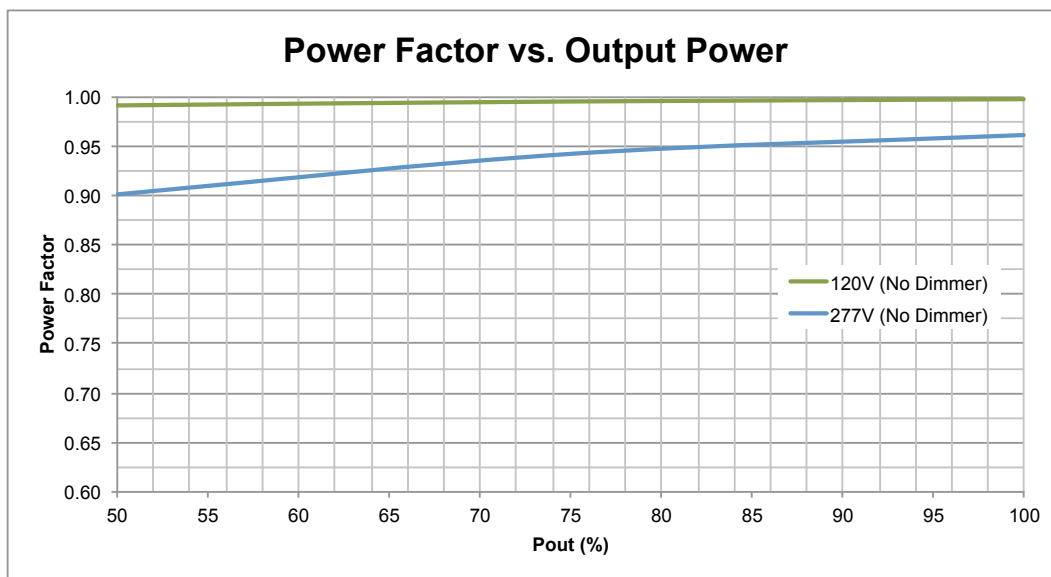
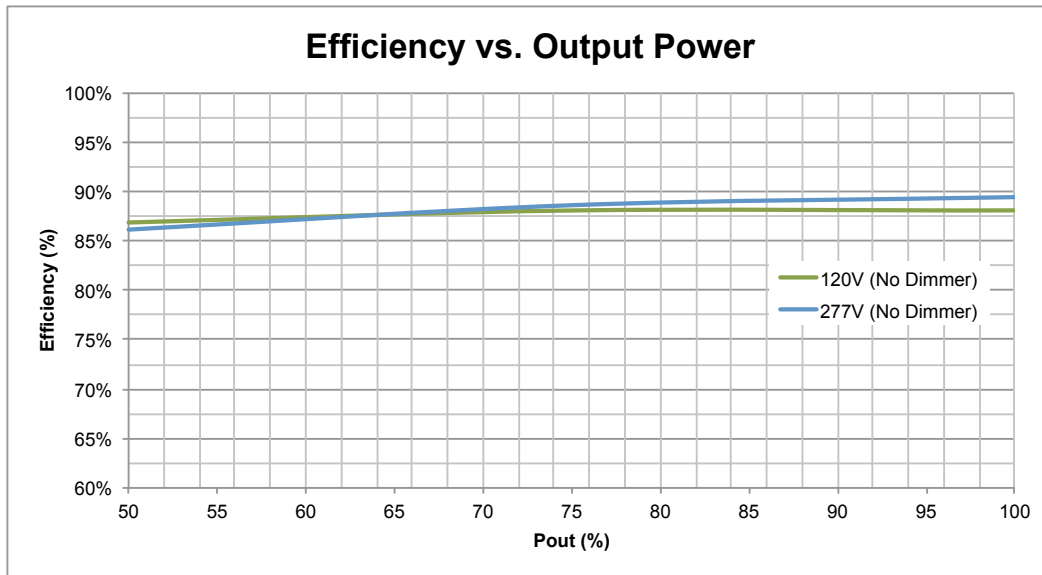
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PERFORMANCE CURVES



Efficiency and PF measured at 25°C.
Measurements made on model LV100-24N-UNV-I.

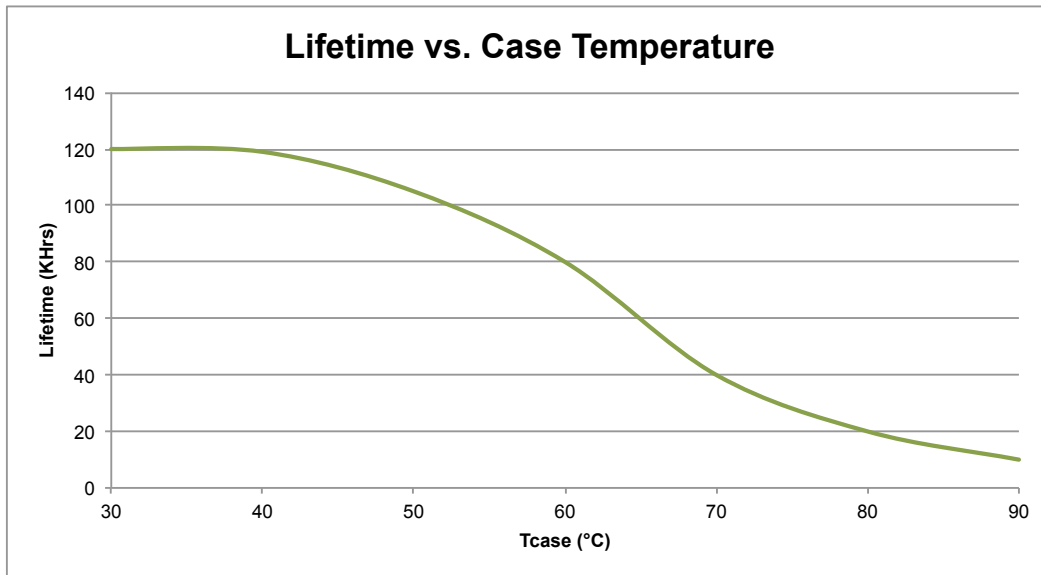
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